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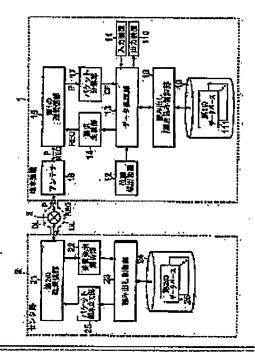
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(54) DATA STRUCTURE OF DIGITAL MAP FILE (57) Abstract:

PROBLEM TO BE SOLVED: To provide a terminal device for reading out a map file eliminating the need to update map files of adjacent units when one file is updated.

SOLUTION: Map files representing units obtained by dividing a map into areas contain node records generated by nodes and link records generated by links. In a specific node record, coordinate information on an adjacent node prescribing the connection relation of a road between the unit and adjacent unit is recorded. Those map files are stored in a 1st storage device 19. A data processing part 13 searches for a route by using the map files. The data processing part 13 traces a connection from a road in one unit to a road in the other adjacent unit in the route searching process according to coordinate information that one unit and the adjacent node of the other adjacent unit have.



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